

SUB-ORDEB 1. FISSIPEBIA.

A very marked feature of the terrestrial **Carnivora** is to lie found in the structure of the teeth. The incisors are nearly always six, and are somewhat feebly developed in many cases. The

390.—"Lateral surface of the cranium of a *Dap. x A.*"
Anterior palatine foramen ; w, l "tenor open-lug of alveolar process
MU, hasioepital; bafispfaenoi*?;
& condylar foramen
caw* teraal a.im;tc-ry ii^eatus
jfiTRO esocclpita! ; .E;v\ /f/*>
foramen lactrun; mtdiuro and posterior
foramen ovale ; J*V,» frontal; fcsranifeB rotuB*ITim ; g,?%
glenoid fossa ; f7p, post-gleioi*!
process
3jfcz, malar; 3fx, maxilla j oc,



Canines are almost invariably very large strong teeth,, and are always present. In some of the extinct Cats they reached enormous dimensions. The number of cheek teeth is not identical; but the last premolar in the upper jaw and the first true molar in the lower jaw₃ known as the ** carnassial ** or sectorial teeth mark a difference in structure between the anterior and the posterior crushing teeth; those in front of the carnassial teeth have cutting edges, and are often, merely small, conical teeth; those behind have broader crowns and are tuberculate; those of simpler forms often trituberculate; those of